

Art Unit: 1775

1963). Therefore, It would have been obvious to a person having ordinary skill in the art at the time of the invention to use 6-8 wt% YSZ as indicated above.

Regarding Rigney and Ackerman, applicant argues that the combined teachings do not teach all of the limitations of the claims to which they are applied but as indicated above, examiner has shown that the combination of the references teaches all of the limitations as indicated above.

Regarding Movchan, applicant argues that the stability mechanism employed by CeO negates Movchan's presentation of ceria as a functionally equivalent stabilizer of zirconia. However, Movchan definitively presents ceria as a functional equivalent to lanthana, therefore, it would have been obvious to a person having ordinary skill in the art at the time of the invention to use ceria as indicated above. Therefore rejections to Movchan are maintained.

Regarding combinations of Rigney and Ketchum, Ackerman, Rigney and Ketchum or Movchan and Ketchum because Rigney, Ackerman and Movchan are applicable as indicated above the rejections to all combinations of any of Rigney, Ackerman, Movchan and Ketchum are maintained.

Conclusion